Form

Docket No. DCL1917P1/M4976A

## Declaration and Power of Attorney For Patent Application English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

IMPROVED MANGANESE DIOXIDE FOR ALKLALINE CELLS

|   | SE DIOXIDE FOR A   |  |   |
|---|--|--|---|
| the specification of whi  | ch   |  |   |
| (check one)   |  |  |   |
| ☒ is attached hereto.   |  |  |   |
| us filed on   |  | as United States Application No  | o. or PCT International   |
| Application Numbe   |  |  |   |
| and was amended   | on   |  |   |
|   |  | (if applicable)  |   |
| •   |  | nderstand the contents of the above mendment referred to above.  | identified specification,   |
| 1.56, including for co  | ntinuation-in-part a<br>of the prior applica   | ation which is material to patentabilit pplications, material information wation and the national or PCT internation   | hich became available   |
| application(s) for pater<br>application which desirable below and have also | nt, or plant breeder<br>gnated at least on<br>identified below, le<br>eder's rights certific | nder 35 U.S.C. 119(a)-(d) or (f), or r's rights certificate(s), or 365(a) of e country other than the United St by checking the box, any foreign rate(s), or any PCT international apon priority is claimed. | any PCT International ates of America, listed application for patent, |
| Prior Foreign Application   | on(s)  | ·  | Priority Not Claimed  |
| None  |  |  |   |
| (Number)  | (Country)  | (Day/Month/Year Filed)   | )   |
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| (Number)  | (Country)  | (Day/Month/Year Filed)   | )   |
| (Number)  | (Country)  | (Day/Month/Year Filed)   | _   |
| TO-SB-01 (9-95) (Modified)  |  | P02/REV02 Patent and Trademark   | Office-U.S. DEPARTMENT OF   |

| I hereby claim the benefit under application(s) listed below: | 35 U.S.C. Section | 119(e) | of any | United | States | provisional |
|---|-------------------|--------|--------|--------|--------|-------------|
| None  |                   |        |        |        |        |             |
| (Application Serial No.)                                      | (Filing Date)     |        |        |        |        |             |
| (Application Serial No.)                                      | (Filing Date)     |        |        |        |        |             |
| (Application Serial No.)                                      | (Filing Date)     |        |        |        |        | ·           |

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

| 10/094199                | March 8, 2002                    | Pending                                    |
|--------------------------|----------------------------------|--|
| (Application Serial No.) | Serial No.) (Filing Date) (pater |  |
| (Application Serial No.) | (Filing Date)                    | (Status)<br>(patented, pending, abandoned) |
| (Application Serial No.) | (Filing Date)                    | (Status) (patented, pending, abandoned)    |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Barry D. Josephs, Reg. 27,140 Owen J. Meegan, Reg. 19,643 Donal B. Tobin, Reg. 25,711 Paul I. Douglas, Reg. 31,244 Thomas G. Krivulka, Reg. 38,525 Chester Cekala, R eg. 32,,971 Stephan P. Williams, Reg. 28,546 Edward S. Podszus, Reg. 35,983 David A. Howley, Reg. 34,624

Charles P. Boukus, Jr., Reg. 24,754 Joseph H. Handelman, Reg. 26,179 Peter D. Galloway, Reg. 27, 885

Send Correspondence to:

Barry D. Josephs

Attorney At Law

19 North St.

Salem, Mass. 01970

Direct Telephone Calls to: (name and telephone number)

(978) 741-7999

| Full name of sole or first inventor Stuart M. Davis         |                 |
|---|-----------------|
| Sole or first inventor's signature  * Sull Mill M. Collis   | y 11/12/03 Date |
| Residence<br>26 Noon Hill Ave., Norfolk, Mass. 02056        |                 |
| Citizenship U.S.A.  |                 |
| Post Office Address 26 Noon Hill Ave., Norfolk, Mass. 02056 |                 |
|   |                 |

| Second inventor's signature Sound                                       | Mar 12, 2003 | Date     |
|---|--------------|----------|
| Residence<br>28 Cathedral Circle, Nashua, New Hampshire 03063           |              |          |
| Citizenship<br>U.S.A.   |              |          |
| Post Office Address<br>28 Cathedral Circle, Nashua, New Hampshire 03063 |              | <u>-</u> |

| Full name of third inventor, if any   |           |                                       |
|---|-----------|---------------------------------------|
| Peter R. Moses  |           | Date                                  |
| Third inventor's signature  |           | Date                                  |
| Residence<br>141 Gunstock Hill Rd., Gilford, New Hampshire 03249  |           |                                       |
| Citizenship U.S.A   |           |                                       |
| Post Office Address 141 Gunstock Hill Rd., Gilford, New Hampshire 03249   |           |                                       |
| Full name of fourth inventor, if any  |           |                                       |
| Thomas C. Richards  |           |                                       |
| Fourth inventor's signature  * Thomas C. Michaels   | x 11/13/2 | Date                                  |
| Residence<br>31A Manor Rd., Bolton, Mass. 01740   |           | · · · · · · · · · · · · · · · · · · · |
| Citizenship U.S.A.  |           |                                       |
| Post Office Address 31A Manor Rd., Bolton, Mass. 01740  |           |                                       |
|   |           |                                       |
|   |           |                                       |
| Full name of fifth inventor, if any   |           |                                       |
|   |           |                                       |
| Fifth inventor's signature  |           | Date                                  |
| Fifth inventor's signature Residence  |           | Date                                  |
|   |           | Date                                  |
| Residence   |           | Date                                  |
| Residence Citizenship Post Office Address   |           | Date                                  |
| Residence Citizenship Post Office Address  Full name of sixth inventor, if any  |           |                                       |
| Residence  Citizenship  Post Office Address  Full name of sixth inventor, if any  Sixth inventor's signature            |           |                                       |
| Residence  Citizenship  Post Office Address  Full name of sixth inventor, if any  Sixth inventor's signature  Residence |           |                                       |

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| the specification of which  (check one)  is attached hereto.  was filed on  | which a patent is sought or IMPROVED MANGANESE I  | n the invention entitled<br>DIOXIDE FOR ALKLALINE C   | ELLS   |   |
|---|---|---|--|---|
| is attached hereto.  was filed on   | the specification of which  |   |  |   |
| as United States Application No. or PCT International Application Number and was amended on (if applicable)  I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.  I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.  I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or plant breeder's rights certificate(s), or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.  Prior Foreign Application(s)  Priority Not Claimed  (Number)  (Country)  (Day/Month/Year Filed) | (check one)   |   |  |   |
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| None (Number) (Country) (Day/Month/Year Filed) (Number) (Country) (Day/Month/Year Filed)  | application(s) for patent, of application which designate below and have also ide inventor's or plant breeder | or plant breeder's rights ce<br>ted at least one country of<br>ntified below, by checking<br>'s rights certificate(s), or a | rtificate(s), or 365(a) of<br>ther than the United St<br>the box, any foreign<br>ny PCT international ap | any PCT International ates of America, listed application for patent, |
| (Number) (Country) (Day/Month/Year Filed)  (Number) (Country) (Day/Month/Year Filed)  | Prior Foreign Application(s   | )   |  | Priority Not Claimed  |
| (Number) (Country) (Day/Month/Year Filed)   | None  |   |  |   |
| (Number) (Country) (Day/Month/Year Filed)   | (Number)  | (Country)   | (Day/Month/Year Filed)   |   |
|   | (Number)  | (Country)   | (Day/Month/Year Filed)   | <del>_</del>  |
| (Number) (Country) (Day/Month/Year Filed)   | (Number)  |   |  |   |
|   | (Number)  | (Country)   | (Day/Month/Year Filed)   |   |

| I hereby    | claim    | the   | benefit | under | 35 | U.S.C. | Section | 119(e) | of | any | United | States | provisional |
|-------------|----------|-------|---------|-------|----|--------|---------|--------|----|-----|--------|--------|-------------|
| application | n(s) lis | ted b | elow:   |       |    |        |         |        |    |     |        |        |             |

| None                     |               |
|--------------------------|---------------|
| (Application Serial No.) | (Filing Date) |
| (Application Serial No.) | (Filing Date) |
| (Application Serial No.) | (Filing Date) |

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Send Correspondence to:

Barry D. Josephs

Attorney At Law

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Salem, Mass. 01970

Direct Telephone Calls to: (name and telephone number)

(978) 741-7999

Full name of sole or first inventor Stuart M. Davis Sole or first inventor's signature Date Residence 26 Noon Hill Ave., Norfolk, Mass. 02056 Citizenship U.S.A. Post Office Address 26 Noon Hill Ave., Norfolk, Mass. 02056

| Second inventor's signature                      | Date |
|--|------|
|  |      |
| Residence  |      |
| 28 Cathedral Circle, Nashua, New Hampshire 03063 |      |
| Citizenship                                      |      |
| U.S.A.   |      |
| Post Office Address                              |      |
| 28 Cathedral Circle, Nashua, New Hampshire 03063 |      |

| Peter R. Moses   |           |      |
|--|-----------|------|
| Third inventor's signature  * Peter L. Moses                               | ×11/25/03 | Date |
| Residence<br>141 Gunstock Hill Rd., Gilford, New Hampshire 03249           |           |      |
| Citizenship<br>U.S.A   |           |      |
| Post Office Address<br>141 Gunstock Hill Rd., Gilford, New Hampshire 03249 |           |      |
|  | 1.0       |      |
| Full name of fourth inventor, if any Thomas C. Richards                    |           |      |
| Fourth inventor's signature  |           | Date |
| Residence<br>31A Manor Rd., Bolton, Mass. 01740                            |           |      |
| Citizenship<br>U.S.A.  |           |      |
| Post Office Address<br>31A Manor Rd., Bolton, Mass. 01740                  |           |      |
|  |           |      |
|  |           |      |
| Full name of fifth inventor, if any  |           |      |
| Fifth inventor's signature   | 41.       | Date |
| Residence  |           |      |
| Citizenship  |           |      |
| Post Office Address  |           |      |
|  |           |      |
|  |           |      |
| Full name of sixth inventor, if any  |           |      |
| Sixth inventor's signature   |           | Date |
| Residence  |           |      |
| Citizenship  |           |      |
| Post Office Address  |           |      |
|  |           |      |

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